

REMARKS

The above preliminary amendment is made to cancel claims 1, 2, 5 and 6 and to insert the new Abstract page into the application.


Applicants respectfully request that the preliminary amendment described herein be entered into the record prior to calculation of the filing fee and prior to examination and consideration of the above-identified application.

If a telephone conference would be helpful in resolving any issues concerning this communication, please contact Applicants' primary attorney-of record, Curtis B. Hamre (Reg. No. 29,165), at (612) 336.4722.

Respectfully submitted,

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ABSTRACT

A molded brake disc having a central hub portion and an annular disc portion extending from the hub portion in a radial outward direction for frictional engagement with brake pads, wherein the disc portion is formed of metal matrix composite having a reinforcing material added to a metal matrix. Such molded brake disc is formed by an improved injection molding method, wherein a metal matrix composite material in a molten state and a metallic material in a semi-solidified state are supplied into an injection cylinder such that the metal matrix composite material is situated on a gate side adjacent to a gate of a molding die and the metallic material is situated on a piston side adjacent to a piston in the injection cylinder, and the metal matrix composite material and the metallic material are then forced by the piston into a die cavity in the molding die in the order named.